



V Series

ND9441

H.265 16-CH Embedded NVR



技術規格

Technical Specifications

Descriptions	16-CH Embedded NVR
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Device

OS	Embedded Linux
Watchdog	硬體 + 軟體
Power Restoration	於電力恢復後自動重新啟動系統

Display

LiveView Display	16 路 多重影像配置顯示器： 1x1, 2x2, 3x3, 1P+3, 2P+3, 1M+5, 1P+6, 3V, 1M+12, 4x4
Video Output	HDMI x1, VGA x1
Display Resolution	3840x2160, 1920x1080, 1280x720
Stream Application	Constant\Auto Adaptive Stream
Fisheye Dewarp	10, 1P, 1R, 1O3R, 1O8R
PTZ Operation	方向控制、原位、預設、巡視 (群組設定), PiP Control

Video

Video Format	MJPEG, H.264, H.265
Graphic Decoder	硬體解碼
Decoding Resolution	最高可達 7680x2560
Decoding Capability	H.265/H.264: 3840x2160 @ 120 fps 1920x1080 @ 480 fps

Audio

Audio Format	G.711, G.726
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Record	
Recording Time (sec.)	事件前預錄: 5 (最大 10) 事件後錄影: 20 (最大 300)
Recording Stream	單一
Recording Throughput	192 Mbps
Recording Mode	連續、事件、排程、動態調整串流, Activity Adaptive Streaming
Recording Setting	輪播 (單位: 天)
Watermark	支援

Storage & Backup	
DISK Devices	內建x4 (3.5") 硬碟需另外購買
HDD Max. Capacity	請參閱VIVOTEK官網產品頁的硬碟支援清單
RAID	RAID 0, 1, 5 (single volume up to 16TB)
Disk Management	建立、格式化及移除磁碟 HDD S.M.A.R.T
External Storage	USB 儲存 (USB 3.0)
Video Clip Export	USB 隨身碟 (FAT 格式)
Schedule Backup	FTP

Playback	
Playback Display	4 路 多重影像配置顯示器: 1x1,2x2,1P+3,1V+3
Playback Control	一般 (播放、暫停、停止)、倒轉、下一個/上一個畫格、速度控制、日曆、事件、時間軸、時間軸尺度、縮圖 (圖像搜尋)
Video Search	依日曆、日期/時間和警報
Thumbnail Explorer (Storyboard)	列出錄製影片的縮圖 (最多 2 路)
Snapshot	JPEG
Video Clip Export	EXE

Network	
Ethernet	10/100/1000Mbps 乙太網路 (RJ-45) x 2
Network Throughput in total	96 Mbps
Protocols	IPv4, IPv6, TCP/IP, HTTP, HTTPS, UPnP, RTSP/RTP/RTCP, SMTP, FTP, DHCP, NTP, DNS, DDNS

External Interface	
USB	前: 2 (USB 2.0) 後: 1 (USB 3.0)
Alarm In	8
Alarm Out	4
Audio In	3.5 耳機插孔音訊輸入 x1 (硬體可用, 韌體功能尚未支援)
RS485	1 ((HW available, FW feature not supported yet)

System	
Camera Integration	ONVIF Profile S
Event	Motion Detection, 智慧影像內容分析 Event, Cyber Attack, PIR Detection, Tampering Detection, Camera DI/DO, Camera Disconnected, Disk Failure, Disk Full, NVR DI/DO, PoE error
Event Action	Record, Email (Text), Email (Snapshot), FTP, Buzzer, ePTZ Control (Go to Preset), NVR DO, Camera DO, VIVOCLOUD APP Notification
User Management	使用者等級：系統管理員、一般使用者
Log	系統、錄影、使用者、錯誤
Date&Time	時區、手動、自動同步 NTP、日光節約時間
Language	捷克文、英文、法文、德文、義大利文、日文、韓文、葡萄牙文、波蘭文、俄文、西班牙文、簡體中文、繁體中文、阿拉伯文

Advance Features	
VCA Counting Solution	支援
VCA Event Search	智慧影像內容分析, Smart 360 VCA
Smart Search II	支援
Trend Micro IoT Security	支援 (3年免費試用)
Cybersecurity Management	支援

Remote Client	
Software AP	Shepherd, VSS
Mobile/Tablet App	iViewer (Android & iOS)
Web Browser	Chrome
Cloud service	VIVOCLOUD

General	
Power Input	DC 56V 1.34A
Power Consumption	Max. 76 W
Dimensions	430 (W) x 400 (D) x 44.5 (H) mm
Weight	3.87 kg (不含硬碟)
Operating Temperature	0°C ~ 40°C (32°F ~ 104°F)
Humidity	0 ~ 95%
Safety Certifications	CE, LVD, FCC, VCCI, C-Tick, UL